

What we claim is:

1. A product consisting of selected plant-derived non-toxic organic enzymes and catalysts, that prevents and inhibits fungal invasion on surface areas of fruits and vegetables during pre-harvest (in the field) through to post-harvest (picking, processing, packing, shipping and delivery to the consumer) wherein, using natural enzymatic action to break down polysaccharide cell walls, the protein content of the said fungi, mycelium, and spores, is neutralized on contact by the formula.
2. The process of claim 1, wherein said step of treatment is performed using standard spray application methods with liquid particles greater than fifteen (15) microns being applied to the produce.
3. The process of claim 1, wherein the step of treatment involves using an atomization/fumigation misting of said fruits and vegetables with liquid particle sizes of less than fifteen (15) microns.
4. The process of claim 1, wherein the step of treatment involves dipping of said fruits and vegetables into a water-based liquid, or water-based wax substance.
5. The process of claim 1, wherein the step of treatment involves soaking of said fruits and vegetables into a water-based liquid or water-based wax substance.
6. The process of claim 1, wherein the step of treatment involves drenching of said fruits with a water-based liquid or water-based wax substance.